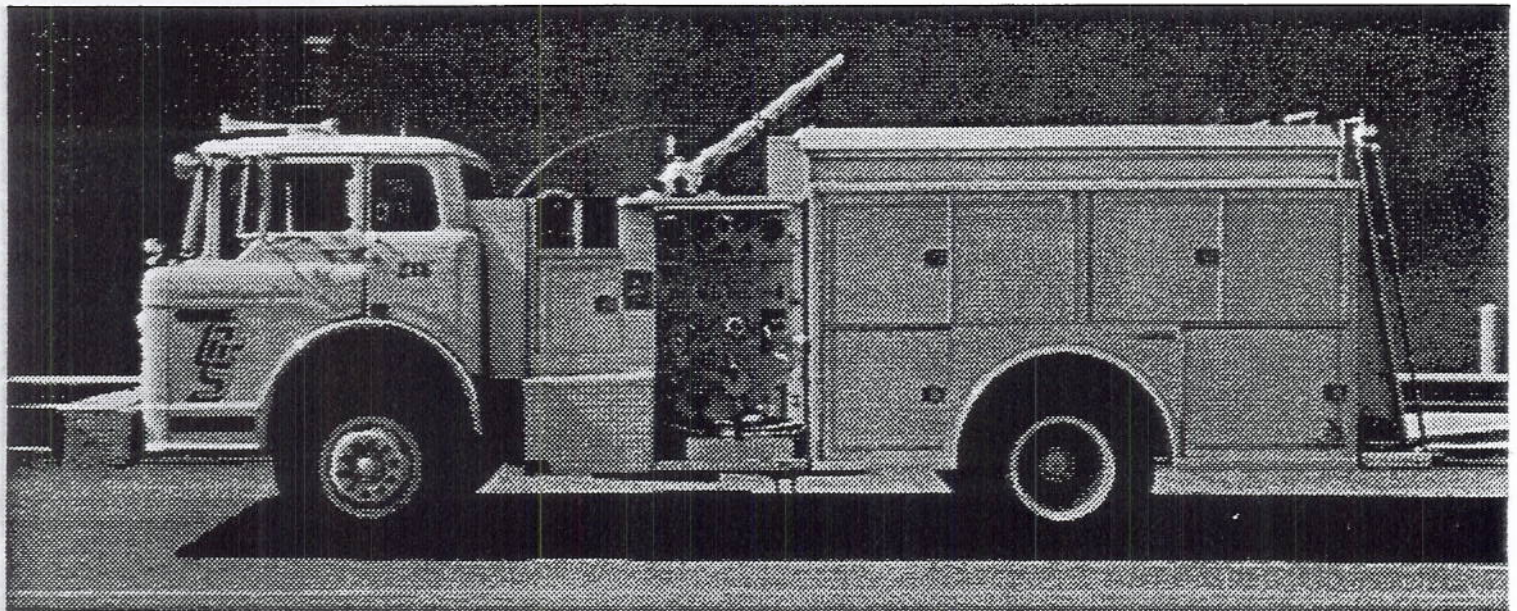


**State of California  
Office of Emergency Services**

**FIRE AND RESCUE DIVISION**



**OPERATOR'S MANUAL**

**FIRE APPARATUS  
Model C-8000**

**Series No. 213 through 222**

## STATISTICAL INFORMATION

### ENGINE AND CHASSIS

MAKE: FORD MODEL: C-8000

YEAR: OES - 213-217 1985  
OES - 218-222 1986

ENGINE: CATERPILLAR MODEL: 3208T/250HP

CRANKCASE CAPACITY: 18 QUARTS WITH FILTER

ENGINE OIL: S.A.E. #30 - USE OILS MEETING THE FOLLOWING ENGINE  
SERVICE CLASSIFICATION:  
CD/SF OR CD/SE  
(MIL-L - 46152B AND MIL-L - 2104D)

FUEL TYPE: DIESEL (MINIMUM CETANE RATING OF 40)

FUEL CAPACITY: 100 GALLONS  
(60 GALLONS LEFT/40 GALLONS RIGHT)  
NOTE: TANKS ARE EQUALIZED

AIR CLEANER: TWO-STAGE, DRY TYPE  
(REFER TO ENGINE MANUAL FOR SERVICE INSTRUCTIONS)

COOLING SYSTEM CAPACITY: APPROXIMATELY 47 QUARTS

STEERING: INTEGRAL POWER STEERING (DEXTRON II - TYPE XT-2 QDX OR  
EQUIVALENT)

REAR AXLE: 2-SPEED EATON MODEL: 23221

RATIOS: 4.88/6.64 RATED CAPACITY 23,000#

TRANSMISSION: MANUAL SPICER MODEL 6052C 5-SPEED

TRANSMISSION CAPACITY: 18 PINTS TRANSMISSION OIL: S.A.E. 50

DIFFERENTIAL: S.A.E. #90 GEAR OIL

TIRES: 1100 X 20, 14-PLY PRESSURE: 85 PSI

STATISTICAL INFORMATION (Continued)

FIRE BODY AND PUMPS

BODY BUILDUP: WESTATES

MAIN PUMP: WATEROUS MODEL: CSMBX-1000

RATING: 1000 GPM - SINGLE STAGE

BOOSTER PUMP: WATEROUS MODEL: CPK-2-300 (PTO-DRIVE)

RATING: 300 GPM - 150 PSI

NOTE: DAMAGE WILL OCCUR IF BOOSTER PUMP IS OPERATED IN EXCESS OF 2,600 ENGINE RPM!

WATER TANK CAPACITY: 750 GALLONS

TANK CONSTRUCTION: CROSSLINK/POLYURETHANE

NOTE: REFER TO WATEROUS PUMP MANUAL FOR MAINTENANCE INSTRUCTIONS.



OFFICE OF EMERGENCY SERVICES  
Fire and Rescue Division

EXHIBIT "A" - EQUIPMENT INVENTORY

ENGINE NUMBER: \_\_\_\_\_ LICENSE NUMBER: \_\_\_\_\_ SERIAL NUMBER: \_\_\_\_\_ MOTOR NUMBER: \_\_\_\_\_

1 DELUGE SET W/STREAM STRAIGHTENER  
& TIPS 1-1/2" - 1-3/4" - 2"

1 LOG BOOK/CREDIT CARD

1 FIRE EXTINGUISHER 4# OR 5#

1 FIRST AID KIT

1 SOFT SUCTION HOSE 2-1/2" X 12'

5 CAP, 2-1/2" DISCHARGE

1 PLUG, 2-1/2" SUCTION

1 ADAPTER 1-1/2" IPF TO 1-1/2" NSM

1 ADAPTER 1-1/2" PCF TO 1-1/2" NSM

1 ADAPTER 1-1/2" NSF TO 1-1/2" PCM

1 ADAPTER 1-1/2" NSF TO 1-1/2" IPM

2 COUPLING 2-1/2" DM

2 COUPLING 2-1/2" DF

1 REDUCER 2-1/2" NSF TO 1-1/2" NSM

1 REDUCER 1-1/2" NSF TO 1" IPM

1 INCREASER 1" IPF TO 1-1/2" NSM

1 SIAMESE 2-1/2"

1 WRENCH, ADJUSTABLE HYDRANT

4 WRENCH, HOSE SPANNER

1 WRENCH, HARD SUCTION HOSE SPANNER

4 STRAP, HOSE & LADDER

1 LANTERN, HAND, 6 VOLT

1 RADIO, MOBILE SER. # \_\_\_\_\_

OES # \_\_\_\_\_

1 RADIO, MOBILE SER. # \_\_\_\_\_

OES # \_\_\_\_\_

1 BOOK, RADIO MAINTENANCE LOG

1 MALLET, RUBBER

1 CUTTER, BOLT

1 SHOVEL

1 BAR, CROW

1 HAMMER, SLEDGE

1 KIT, REFLECTOR, 3-UNIT

2 ROPE, 1/2" X 100'

2 NOZZLE 2-1/2" SHUTOFF W/TIPS

1 NOZZLE 2-1/2" FOG

2 HOSE, HARD SUCTION 5" X 10'

1 STRAINER, 5" SUCTION HOSE

1 ADAPTER, 5" X 4-1/2" DF HYDRANT

1 ADAPTER, 5" X 4" DF HYDRANT

1 ADAPTER, 5" X 2-1/2" DF HYDRANT

1 WYE, GATED 2-1/2" NSF X 2 1-1/2" NSM

1 HOSE, BOOSTER 3/4" X 150'

4 NOZZLE, 1-1/2" COMBINATION

2 NOZZLE, 1" COMBINATION

2 BELT, TAILBOARD SAFETY

1 JACK, HYDRAULIC W/HANDLE

1 WRENCH, LUG W/HANDLE

1 CRANK, HOSE REEL

1 CHAIN, TOW 25', W/GRAB HOOKS

24 HOSE, 2-1/2" NST 50' LENGTH

12 HOSE, 1-1/2" NST 50' LENGTH

8 HOSE, 1" NST 50' LENGTH

1 CLAMP, HOSE (HEBERT)

1 PIKE POLE

1 LADDER, 24' EXTENSION

1 LADDER, 14' ROOF

1 HOSE, SOFT SUCTION 4-1/2" X 12'

1 KIT, RADEF

1 AXE, PICKHEAD W/MOUNTING

BRACKET & GUARD

1 MANUAL, CHASSIS

1 MANUAL, ENGINE

1 MANUAL, PUMP

1 OES OPERATIONS GUIDE

1 OES BULLETIN BOOK

1 FLOTO PUMP, OES # \_\_\_\_\_

INVENTORY APPLIES TO OES ENGINES 201 AND UP

REMARKS: \_\_\_\_\_

ACCEPTED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_

DATE: \_\_\_\_\_